

MORRISON & FOERSTER LLP

Attorneys at Law
425 Market Street
San Francisco, California 94105-2482
Telephone: (415) 268-7000
Facsimile: (415) 268-7522

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From: Peter J. Yim

Date: August 27, 2004

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Re: U.S. Patent Application Serial No. 10/664,783
For: ELECTROPOLISHING METAL LAYERS ON WAFERS HAVING TRENCHES OR
VIAS WITH DUMMY STRUCTURES
By: Hui WANG et al.
Our Reference: 49515-20006.10

Attached are the following:

1. Transmittal (1 page)
2. Fee Transmittal (in duplicate, 2 pages)
3. Response to Restriction Requirement and Preliminary Amendment (11 pages)

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

for FY 2004

Effective 10/1/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 63.00)

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | 10/664,783 |
| Filing Date | September 16, 2003 |
| First Named Inventor | Hui WANG |
| Examiner Name | M. Estrada |
| Art Unit | 2623 |
| Attorney Docket No. | 495152000610 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit in Account:

Deposit Account Number **03-1952**

Deposit Account Name **Morrison & Foerster LLP**

The Director is authorized to: (check all that apply)

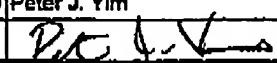
Charge fee(s) indicated below Credit any overpayments
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FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|-----------------------------------|--------------|-------------------|--------------|
| Fee Code (S) | Fee Code (S) | Fee Code (S) | Fee Code (S) |
| 1051 | 130 | 2051 | 65 |
| 1052 | 50 | 2052 | 25 |
| 1053 | 130 | 1053 | 130 |
| 1812 | 2,520 | 1912 | 2,520 |
| 1824 | 820* | 1824 | 820* |
| 1825 | 1,840* | 1805 | 1,840* |
| 1251 | 110 | 2251 | 55 |
| 1252 | 420 | 2252 | 210 |
| 1253 | 850 | 2253 | 475 |
| 1254 | 1,480 | 2254 | 740 |
| 1255 | 2,010 | 2255 | 1,005 |
| 1401 | 330 | 2401 | 165 |
| 1402 | 330 | 2402 | 165 |
| 1403 | 290 | 2403 | 145 |
| 1451 | 1,510 | 1451 | 1,510 |
| 1452 | 110 | 2452 | 55 |
| 1453 | 1,230 | 2453 | 665 |
| 1501 | 1,330 | 2501 | 665 |
| 1502 | 480 | 2502 | 240 |
| 1503 | 640 | 2503 | 320 |
| 1460 | 130 | 1460 | 130 |
| 1807 | 50 | 1807 | 50 |
| 1808 | 180 | 1805 | 180 |
| 2021 | 40 | 8021 | 40 |
| 1809 | 770 | 2809 | 385 |
| 1810 | 770 | 2810 | 385 |
| 1601 | 770 | 2801 | 385 |
| 1802 | 800 | 1802 | 900 |
| Other fee (specify) | | | |
| *Reduced by Basic Filing Fee Paid | | SUBTOTAL (3) (\$) | 6.00 |

*Or number previously paid, if greater; For Reissues, see above

| SUBMITTED BY | | | | (Complete if applicable) |
|-------------------|---|-----------------------------------|-----------------|--------------------------|
| Name (Print/Type) | Peter J. Yim | Registration No. (Attorney/Agent) | 44,417 | Telephone (415) 268-6373 |
| Signature |  | Date | August 27, 2004 | |

ef-1770258

PTO/SB/17 (10-03)
Approved for use through 7/31/2006. OMB 0551-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

| | | |
|---|----------------------|--------------------|
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | Application Number | 10/684,783 |
| | Filing Date | September 16, 2003 |
| | First Named Inventor | Hui WANG |
| | Examiner Name | M. Estrada |
| | Art Unit | 2823 |
| TOTAL AMOUNT OF PAYMENT | (\$) | 63.00 |
| Attorney Docket No. | | 495152000610 |

| | | |
|---|--------------------------------------|--------------------------------------|
| METHOD OF PAYMENT (check all that apply) | | FEES CALCULATION (continued) |
| <input type="checkbox"/> Check | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order |

Deposit Account

Deposit Account Number **03-1952**

Deposit Account Name **Morrison & Foerster LLP**

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

| 1. BASIC FILING FEE | | | | |
|----------------------------|--------------|------------------------|----------|--|
| Large Entity | Small Entity | Fee Description | Fee Paid | |
| Fee Code (S) | Fee Code (S) | | | |
| 1001 770 | 2001 305 | Utility filing fee | | |
| 1002 340 | 2002 170 | Design filing fee | | |
| 1003 530 | 2003 265 | Plant filing fee | | |
| 1004 770 | 2004 385 | Patent filing fee | | |
| 1005 160 | 2005 80 | Provisional filing fee | | |
| SUBTOTAL (1) (\$) | | 0.00 | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims | 50 | 43 = 7 x 9 = | 63.00 |
| Independent Claims | 3 | 3 = 0 x 43 = | 0.00 |
| Multiple Dependent | | 145 = | 0.00 |

| Large Entity | Small Entity | Fee Description |
|--------------------------|--------------|--|
| Fee Code (S) | Fee Code (S) | |
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 66 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 66 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) | | 63.00 |

^{**}or number previously paid, if greater. For Reissues, see above

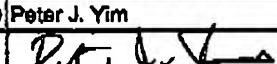
| Complete if Known | |
|--------------------------|--------------------|
| Application Number | 10/684,783 |
| Filing Date | September 16, 2003 |
| First Named Inventor | Hui WANG |
| Examiner Name | M. Estrada |
| Art Unit | 2823 |
| Attorney Docket No. | 495152000610 |

| | |
|---|-------------------------------------|
| METHOD OF PAYMENT (check all that apply) | FEES CALCULATION (continued) |
|---|-------------------------------------|

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|-----------------------------------|--------------|--|-------------|
| Fee Code (S) | Fee Code (S) | | |
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1806 1,840* | 1806 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 65 | Extension for reply within first month | |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 380 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 65 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or issue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1450 130 | 1450 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1808 180 | 1808 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.128(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 800 | 1802 800 | Request for expedited examination of a design application | |
| Other fee (specify) | | | |
| *Reduced by Basic Filing Fee Paid | | SUBTOTAL (3) (\$) | 0.00 |

(Complete if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|-----------------|
| Name (Print/Type) | Peter J. Yim | Registration No. (Attorney/Agent) | 44,417 | Telephone | (415) 268-6373 |
| Signature |  | | | Date | August 27, 2004 |

af-1770258

Please type a plus sign inside this box → **+**

Approved for use through 10/31/2002. OMB 0551-0231
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | |
|--|----|------------------------|--------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number | 10/664,783 |
| | | Filing Date | September 16, 2003 |
| | | First Named Inventor | Hui WANG |
| | | Group Art Unit | 2823 |
| | | Examiner Name | M. Estrada |
| Total Number of Pages in This Submission | 14 | Attorney Docket Number | 495152000610 |

ENCLOSURES (check all that apply)

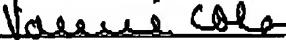
| | | |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate, 2 pages) <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney (1 page) <input type="checkbox"/> Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below) |
| <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks <p>Sent via Facsimile (Fax Coversheet not counted as part of this submission)</p> | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual Name | MORRISON & FOERSTER LLP Peter J. Yim - Reg. No. 44,417 |
| Signature |  |
| Date | August 27, 2004 |

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 672-9308, on the date shown below.

Dated: August 27, 2004

Signature:  (Valerie Cohen)

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306 on the date shown below.

Dated: August 27, 2004 Signature: Valerie Cohen
(Valerie Cohen)

Docket No.: 495152000610
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hui WANG et al.

Application No.: 10/664,783

Art Unit: 2823

Filed: September 16, 2003

Examiner: M. Estrada

For: ELECTROPOLISHING METAL LAYERS ON
WAFERS HAVING TRENCHES OR VIAS
WITH DUMMY STRUCTURES

RECEIVED
CENTRAL FAX CENTER
AUG 27 2004

RESPONSE TO RESTRICTION REQUIREMENT AND
PRELIMINARY AMENDMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the restriction requirement set forth in the Office Action mailed July 27, 2004 (Part of Paper No./Mail Date 20040726), Applicants hereby elect claims 11-43 without traverse, and add new claims 44-60. Applicants expressly reserve the right under 35 U.S.C. § 121 to file a divisional application directed to the non-elected subject matter during the pendency of this application, or an application claiming priority from this application.

SF-1755163